

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

MEMORANDUM

1/10/2022

SUBJECT: Acute Toxicity Review for Virex® 24, EPA Reg. No.: 70627-IL

FROM: Ian Blackwell, M.S., Biologist
Chemistry and Toxicology Team
Regulatory Management and Science Branch
Antimicrobials Division (7510P)

A handwritten signature in blue ink, appearing to be "IB".

THRU: Jenny J. Tao, Senior Scientist (Acute Toxicology)
Chemistry and Toxicology Team
Regulatory Management and Science Branch
Antimicrobials Division (7510P)

A handwritten signature in blue ink, appearing to be "Jenny J. Tao".

01/10/2022

TO: Eric Miederhoff, PM Team 31 / Karen Leavy
Regulatory Management Branch I
Antimicrobials Division (7510P)

Registrant: DIVERSEY, INC.	Case Number: 00325961
Submission No.: 1075276	E-Sub No.: 67684
Action Code Case No.: 00322100	Action Code: A540
MRID No(s): 51481603 through 51481609	

Formulation from label			
PC code(s)	CAS #(s)	Active Ingredient(s)	% weight
069105	68424-85-1	Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride)	0.250
069149	7173-51-5	Didecyl dimethyl ammonium chloride	0.250
		Other Ingredients	<u>99.500</u>
		Total	100.000

1. **BACKGROUND**

The registrant, DIVERSEY, INC., has submitted an application for pesticide registration for their product: *Virex*® 24, EPA File Symbol 70627-IL. To support the acute toxicity data requirements for this product, the registrant has cited MRID Numbers 51481603 through 51481609. These studies were previously submitted for and reviewed in support EPA Reg. No. 4564-27 on 8/17/2021.

The submitted label describes Reg. No. 70627-IL as a “surface disinfectant shield”, bactericide, virucide, mildewcide, deodorizer, one-step disinfectant, sanitizer, hard-surface cleaner and 24-hour residual sanitizer.

2. **FINDINGS/RECOMMENDATIONS**

The Agency finds File Symbol 70627-IL to be “substantially similar” to Reg. No. 4564-27 in terms of acute toxicity based upon the chemical formulas of the two products. The acute toxicity profile of File Symbol 70627-IL will be derived from the 8/17/2021 review of Reg. No. 4564-27.

The acute toxicity profile of *Virex*® 24, EPA Reg. No. 70627-IL, is currently:

Guideline	Study	MRID	Toxicity Category	Status
870.1100	Acute Oral Toxicity	51481603	IV	Cited
870.1200	Acute Dermal Toxicity	51481604	IV	Cited
870.1300	Acute Inhalation Toxicity	51481605	IV	Cited
870.2400	Primary Eye Irritation	51481606	III	Cited
870.2500	Primary Skin Irritation	51481607	IV	Cited
870.2600	Dermal Sensitization	51481609	Nonsensitizer	Cited

3. **CONCLUSION**

The acute toxicity data requirements have been met to support the registration of EPA File Symbol 70627-IL.

4. **PRODUCT LABELING**

a. **Signal Word:** “CAUTION”.

- b. The statement, "Keep Out of Reach of Children (KOROC)", is required. It should appear immediately above the front-panel signal word " CAUTION ".
- c. The Agency's Label Review Manual (<https://www.epa.gov/pesticide-registration/label-review-manual>) indicates the following human-hazard precautionary statements:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

“CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or, using the restroom.”

- d. The First Aid statements must state:

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

GENERAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor or going for treatment. For non-emergency and general information on product use, etc., information pertaining to this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday – Friday, 8:00 am – 12:00 pm Pacific Time; email: npic@ace.orst.edu; or (website: www.npic.orst.edu). For emergencies, call the poison control center 1-800-222-1222.